## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/010026

	ATTION OF SUBJECT MATTER B29B7/80, B29C47/36, B29C45/46	6		
According to Inter	rnational Patent Classification (IPC) or to both national	classification and IPC		
B. FIELDS SEA	ARCHED	· · · · · · · · · · · · · · · · · · ·		
Int.Cl'	entation searched (classification system followed by clas B29B7/00-9/16, B29C47/00-47/9	6, B29C45/00-45/84		
Jitsuyo Kokai Ji	earched other than minimum documentation to the exten Shinan Koho 1926-1996 Tor tsuyo Shinan Koho 1971-2004 Jit ase consulted during the international search (name of da	suyo Shinan Toroku Koho	1994-2004 1996-2004	
Electronic data ba	ise consumed during the international scalor (mails of ac			
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app		Relevant to claim No.	
<u>X</u> <u>A</u>	JP 2001-88194 A (Idemitsu Pet Ltd.), 03 April, 2001 (03.04.01), Par. Nos. [0014], [0023], [00 Fig. 1 (Family: none)	·	1,3-8,12, 15-19 9-11	
<u>X</u> <u>A</u>	JP 8-47960 A (Idemitsu Kosan 20 February, 1996 (20.02.96), Par. Nos. [0020], [0025]; Fig (Family: none)		1-8,12-15, 17,18 9-11	
Further documents are listed in the continuation of Box C. See patent family annex.				
Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "B" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family		
Date of the actual 08 Sep	al completion of the international search tember, 2004 (08.09.04)	Date of mailing of the international sea 28 September, 2004	rch report (28.09.04)	
Japane	ng address of the ISA/ se Patent Office	Authorized officer		
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(Continuation	). DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No.		
<u>X</u>	JP 3-47723 A (Idemitsu Kosan Co., Ltd.), 28 February, 1991 (28.02.91), Page 5, upper left column, line 12 to upper right column, line 7; page 7, upper left column; page 9, lower right column; Figs. 4, 6 & US 5202066 A & EP 394958 A2		1-3,7,8, 12-19 9-11	
<u>A</u>	US 6528554 B1 (THE UNIVERSITY OF AKRON), 04 May, 2003 (04.05.03), Claims & WO 02/66218 A1		<u>18,19</u>	
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